

From: [David Jewett](#)
To: [Jeanne Briskin](#)
Cc: [Dayna Gibbons](#); [Fred Hauchman](#); [Cynthia Sonich-Mullin](#); [Ramona Trovato](#)
Subject: Re: Fw: EPA prospective case study of a hydraulic fracturing site in DeSoto Parish
Date: 02/12/2012 12:19 PM

OK. Let me know when. Tried to touch base with you on Friday to give an update on Thursday afternoon meeting with CHK. Let me know when you have time to talk.

- dgj -

David G. Jewett, Ph.D.
Acting Director
Ground Water and Ecosystems Restoration Division

U.S. Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
Ground Water and Ecosystems Restoration Division
Mail: P.O. Box 1198, Ada, Oklahoma 74821
Phone: 580.436.8560
Fax: 580.436.8703
E-mail: jewett.david@epa.gov

▼ Jeanne Briskin---02/10/2012 04:18:56 PM---We'll need to chat Sent by blackberry

From: Jeanne Briskin/DC/USEPA/US
To: "Fred Hauchman" <Hauchman.Fred@epamail.epa.gov>, "Ramona Trovato" <Trovato.Ramona@epamail.epa.gov>, "Dayna Gibbons" <Gibbons.Dayna@epamail.epa.gov>, "David Jewett" <Jewett.David@epamail.epa.gov>, "Cynthia Sonich-Mullin" <Sonich-Mullin.Cynthia@epamail.epa.gov>
Date: 02/10/2012 04:18 PM
Subject: Fw: EPA prospective case study of a hydraulic fracturing site in DeSoto Parish

We'll need to chat
Sent by blackberry

▼ Jeanne Briskin

----- Original Message -----

From: Jeanne Briskin
Sent: 02/10/2012 04:47 PM EST
To: Michael Overbay
Subject: Re: EPA prospective case study of a hydraulic fracturing site in DeSoto Parish
Did you check w sussman before doing this?
Sent by blackberry

▼ Michael Overbay

----- Original Message -----

From: Michael Overbay
Sent: 02/10/2012 03:29 PM CST
To: Jim.Welsh@LA.GOV; paul.miller@la.gov
Cc: robert.romero@la.gov; steven.archibald@la.gov; Melissa Miller (DEQ) <Melissa.Miller@LA.GOV>; Al Armendariz; William Honker; Stacey Dwyer; Philip Dellinger; john.satterfield@chk.com; Rob Lawrence; Jeanne Briskin; Doug Beak; David Jewett; Chris

Hill <chris.hill@chk.com>

Subject: EPA prospective case study of a hydraulic fracturing site in DeSoto Parish

Hello Jim and Paul,

I returned to the office about noon today from travel, and wanted to make sure to inform you of this development before next week's meeting of the oil and gas agencies with my Regional Administrator, Dr. Armendariz.

Jim, I tried to call you about 1:00 PM, but was unable to get through. Paul, Non-responsive
Non-responsive but I called your office and was told you are reading your e-mails. I also tried to contact both of your appointed technical staff leads, Bob Romero and Steve Archibald, but had no luck. Friday afternoon is a hard time to catch folks, so I am sending this email before I leave for the day.

I regret to inform you that we have had to cancel our prospective case study of a hydraulic fracturing site near Mansfield in DeSoto Parish, Louisiana. Unfortunately, Chesapeake Energy (our industry partner on this project) must begin drilling this well in early April due to their commitments to investors and mineral rights owners. We estimate that for us to install our monitoring wells and conduct our baseline sampling at this site we will need to conduct two field efforts (one to characterize the ground water flow, so we can design our monitoring well network, and one to install the wells). Together these will require 6-8 weeks of field work, not counting any weather delays. This is partially due to the time required to drill the very deep monitoring wells, which may be as much as 800 feet deep at this site, and could require 2 weeks to drill, construct and develop each one.

We will also not be able to replace this site with another one in the Haynesville Shale area. As you are aware, due to the price of natural gas being at 10-year historic lows, and the fact that the Haynesville Shale produces a dry gas, Chesapeake and many other companies have reduced their drilling activities in this area and moved their rigs to fields which can produce oil or natural gas liquids, as those prices remain near the \$100/bbl level. Due to this reduced level of drilling in the Haynesville, Chesapeake and EPA have agreed there are no available sites which meet our both criteria and the schedule for the project. Therefore, we are beginning to look for a replacement site in other areas where Chesapeake continues to drill, which is primarily in Oklahoma and Texas.

I, and the entire EPA and Chesapeake team that has been working on this project, want to express our thanks for the cooperation and support that was provided by both of you, and your staffs, on this project. Your assistance has been very helpful and appreciated.

I will begin notifying the local government officials in DeSoto Parish of this decision next week.

Best regards to both of you, Non-responsiveNon-responsive

Mike

Michael Overbay, P.G.
Co-Lead Principle Investigator and
Regional Ground Water Center Coordinator

U.S. Environmental Protection Agency - Region 6

(214)665-6482

(214)665-2191 (FAX)

Visit the Ground Water Center on the web at:

www.epa.gov/earth1r6/6wq/swp/groundwater/gw.htm